

# M.A.C.E. JOURNAL

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*"Devoted Exclusively To The Atari Computer User"*



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## FROM YOUR PRESIDENT

Tom Sturza

If you own a modem you already know how helpful a Bulletin Board System (BBSsystem) and it's SYSOP (System Operator) can be. If you don't, find someone who does and let him/her show you the wonderful world of Telecommunications! Then go out and support a User Group advertiser, and buy a modem!

Those of us who live in the Greater Detroit Metropolitan Area are very fortunate - there are many BBSsystems that support ATARI computers available to us. Almost all of these systems run 24 hours per day and support 300/1200 baud, with a few now offering 2400. Except for the cost of the phone call, these systems are usually "FREE" to the user.

In addition to BBSsystems that run on personal computers, there are "pay" systems that run on mainframes and have ATARI Special Interest Group sections. CompuServe, GENIE, and The Source are just a few such services.

But it isn't the BBSsystems that I wish to recognize in my column - it's the people who own and/or run them - the SYSOPS! These dedicated folks provide their time and skills to see that the BBSsystem they run is the best possible system they can offer! Unless the BBSsystem is sponsored by a User Group, these people use their own equipment and telephone line. If something breaks, they pay to fix it.

Speaking for all M.A.C.E. members and fellow ATARI owners, I wish to express our sincere appreciation to SYSOPS everywhere! You are providing a valuable service to the ATARI community and it is truly appreciated!!!

## FROM YOUR EDITOR

R.Charles Sibthorpe

Please allow me apologize for the errors in my column last month. Errors such as "submitt", "faithfull", "rewiews" etc. In this day and age of computers with SPELL CHECKERS, there should be no reason to have spelling errors. Therefore I offer none!! I will attempt to be more careful in the future. At this time I will Announce that should a member find a spelling error I my article, the FIRST MEMBER to bring it to my attention will receive a free disk of his/her choice from the Disk Library.

Well, this month we seem to have quit a few ads as our past advertisers are returning to us. Thank the Advertisers by shopping there and past the word that Atari Lives and is alive and doing well!! Nova computers were wondering what happened to MACE until my wife came into their shop with a potential customer and mentioned that I was the MACE Editor. The rest of the story is inside the covers of this and future issues of the "MACE Journal."

In order to keep the Journal affordable this month, I had to cut one Article submitted by a regular contributor, Gordon Totty. He submitted a very humorous article originally appearing in the January Issue of the KC-NACE Newsletter. Sorry Gordon, I WILL print this "letter" next month along with your August article.

"AS THE EXPO TURNS" is very interesting, especially when you consider that MACE elected NOT to host TARICON II. Think about it....

Until next month, Happy Computing!!

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48037 Attn: Vice President

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#### DISK SUBMISSIONS

Bring the disk to the monthly General Meeting or send to it to: MACE PO Box 2785, Southfield, Mi. 48037 Attn: Disk Librarian.

#### JOURNAL SUBMISSIONS

Upload to any MACE BBS or send to the MACE Post Office Box Address. Journal Submissions should include text and program listings on disk and hardcopy. Submissions will be returned if stamped self-addressed mailer is supplied and will be handled with reasonable care. However, publisher assumes no responsibility for return or safety of artwork, photographs, or manuscripts.

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# MACE JOURNAL

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# NEWS, VIEWS AND REVIEWS

by Paul R. Wheeler

A child growing up in Michigan in the mid-1950s was intrigued by electronics. At the age of 12, he built a primitive computer. Then, in his teens, he became a "phone phreak", the name given to people who manipulate the telephone system by electronic trickery. He was considered one of the best and he invented both the so-called black box and a successor, the blue box, to avoid paying for long-distance phone calls. Ultimately he struck a deal with the telephone company: To escape prosecution, he agreed never to reveal the secrets he had discovered. He went on to a modest life in Detroit, installing office telephone systems and repairing teletypewriter equipment. In his spare time he toyed with computers. In 1979 became the sysop of the Southwest Mich. Computer Club's electronic BBS bulletin board, one of the first in the United States. His name: John Maxfield. I thought the above was interesting and could not help but to wonder if he, or least his name contributed to the creation of the current TV star, Max Headroom.

How about that Birthday party! If you weren't one of the fortunate ones to win one of the many door prizes, I hope you at least enjoyed the refreshments. Thanks to all those who helped with the room set-up and to all the retailers who donated all those terrific programs. We hope the 8th birthday event will be bigger and better.

MANHATTEN GRAPHICS, publisher of the popular desktop publishing program "Ready, Set, Go", has come to an agreement with Atari to port their program over to the ST. No availability date or projected price was given. Wonder how it will stack up to the one being used for this page (Solt Logic's Publishing Partner)? I for one and Charles Sibthorp (our editor) for another will be anxiously watching for it.

Number two is fast catching up to number one.... I'm not referring to the car rental industry but to the two major electronic networks, Comp-u-serve and Genie. In the few short years of its existence, Genie has grown tremendously and no doubt their price structure and policies have had great deal to do with the growth. At \$5/hr in either 300/1200 baud mode, free uploading time, and a fast running board leaves something to be desired from its competitors. MichTron has a round table on Genie and this is a very good place to get public domains GFA Basic programs as well as some terrific demos of Make It Move Ver.2.0 a new MichTron program just released in May. This brings me to my review for this month:

## Make It Move!

MichTron, Inc.  
576 South Telegraph  
Pontiac, MI 48053  
(313) 334-5700  
\$49.95

This dynamic new animation program allows you to breath life into all types of art work on your Atari ST. It creates an inexpensive graphics system for displaying colorful business reports, professional looking titles and animation sequences for home and industrial video recordings, as well as many other applications. Make It Move is compatible with all popular paint programs. It has a set of utilities designed to enhance the pictures, and present them in a variety of dashing and spirited ways. It has three main programs:

OBJECTS.PR  
SCRIPT.PR  
VIEWIT.PR

OBJECTS is used to define portions of full screen pictures as objects that you will work with in your scripts. Make It Move presents graphics by displaying

consecutive frames which it builds as needed. It creates animation in much the same manner as a movie does by rapidly displaying small changes in the image.

SCRIPT is the program used to develop and run scripts. A script is the list of events which you build to control the display sequence.

VIEWIT is a program which will run scripts, but it does not allow them to be modified. Think of it as a run-only type program. It is included with many of the public domain programs.

All three programs are mouse driven except for entering notes or names of files and objects. Make It Move comes with a five lesson tutorial built in, which explains and displays all of its functions. The lessons were all built using the program and when run will show what a professional display that it is capable of making. The whole tutorial is very unique and should stand as a model for others to follow. Pictures or words can be copied, moved, zoomed, cut, wiped, fade-in, fade-out, dissolve, repeat, spiral, delay, and combinations thereof. You name it and Move it can probably do it. A very powerful and excellent program which brings animation to a new high level without the hassle of learning complicated programming commands to achieve even the most rudimentary type screen movement. Be prepared to be amazed, and to amaze those around you. I highly recommend this new MichTron program. It is a worthy addition to their already long and distinguished list of fine quality programs for the ST.

Have a fun filled and safe forth of July!  
Bang! Bang! Pop! Pop!  
prw





# Flying the

By Allen P. Bargen



## T-T-T-Terabytes :

My apologies to MAX, but you have to admit, he's a trendy kinda guy! Even he would be a bit short circuited by the incredible advances we have seen in mass storage in the past few months. Now you can expect to have several Terabytes at your disposal as new CD-ROM technology becomes reality, and all at reasonable cost too. More in a future column.

## New Programs ...

Let's start this month's topic with a look at some of the new programs now on the market, as well as a few favourites that have seen considerable improvement since they were released to the public.

### Utilities :

#### Publishing Partner

The program used to create this column is done with Publishing Partner, and is printed on an Epson LQ-2500 printer. The software has seen steady growth since it was originally released and new printer drivers, fonts, and clip art have added to it's versatility. While still far from being a complete package, it is a fine contender in the Desktop Publishing market and worth it's rather hefty price \$ 150.00 CDN.

#### The Cyber Studio :

Simply incredible hardly seems adequate to describe this program. The Cyber Studio is a 2 program set that creates a truly fine 3D CAD studio within your ST computer. Brilliantly written by Tom Hudson, CAD 3D version 2.0 is one of the best bargains around. The program is written so that programmers can easily create modules or custom applications to support the main program.

This is one program that requires it's own in-depth review, and would be a fine program for one of you to write an article about. If no brave soul out there does so, I will get to it in a month or so.

#### Cybermate :

Like I said, there will be lots of support programs written for the Cyber Studio. This one supports the STEREO TEK 3D glasses, and is an animation/editing language for the Cyber Studio. With incredible swiftness and clever writing, this unit can transform your 1 mbyte ST into an equivalent 10 megabyte unit, and store/display over 1000 frames of animation in RAM at any one time.

#### Cyberscape :

Call this one a feature film on disk. It is a full color feature to show what you can do with Cybermate. You have to see this one to believe it.

## The Fan Club continues

Here are just a few of the other titles now available for the CAD-3D main program.

*Human Design Disk* : Bring people to life with this one. It contains all the parts of the body in complex structure for you to manipulate ( well, maybe not ALL the parts !)

*Architectural Design Disk* : Build an entire city with this one, or perhaps just your dream home. Meant to serve as a modeling utility, it can show you how your concepts will look.

*Future Design Disk* : This collection houses spacecraft, spacestations, robots, vehicles, Androids and who knows what else. A fun addition to the main module.

## PHASAR

Available for the IBM and Amiga, this powerful home accounting system comes to the ST. The transition to ST and it's GEM interface was smoothly made. PHASAR is completely GEM supported with an excellent interface. Like any good home accounting package, this one allows 130 expense/income categories, 40 accounts, a custom cheque printing facility, financial analysis, and excellent report generation. \$ 125 CDN.

## BASE TWO :

Another NEW database, this one supports GEM interfacing, and may just be the most powerful database yet released for the ST. A full review is in the works for this one.

## P.I.E.

The Profession Icon Editor started life as a little ICON accessory for you to load into desktop and have fun with. Now, a full fledged program in it's own right, it allows the user to create custom icons. Not bad at all.

## The Sound Designer

New from Eldersoft, this program will be a valuable addition to any sound afficianado. It includes an 8 bit sound digitizer, supports GEM interfacing, and allows you to create with relative ease. \$135 CDN.

## Pro Sprite Designer :

An APB award winner, this program has a built in demo that simply is incredible. You create animation with this one, and it is yet to be tested

by the many programmers who I know will be writing for this one. A best buy for those looking for new horizons.

## Games, Games, Games

It's impossible to keep up anymore. The number of games now on the market is overwhelming, as writers take advantage of the terrific graphics on the ST. Many of the first games released for the machine were simple port overs from other systems and did little to show the potential of the ST. Now all that has changed as authors strive to get the best out of the ST. Here are a few examples of that move forward.

## ST Wars :

I confess when I first saw this one, I yawned with modest indifference because vector graphics is not my bag. Deciding to take a second look however, the true grace of this game emerged. It is incredibly difficult, and while playing it, time just floated by. I realized after playing the game for an hour or so, that I had forgotten to breathe normally as the tension mounted, and was exhausted. The demo on disk is one of the most complete to date. Just watching that gives one the willies.

## ST Protector : Space Station :

Two for the price of one, yup you heard it here first. Both games are good value, lots of fun, and enough levels that you will not be tired of the games in short order.

## Goldrunner :

Not for the timid adventurer, this example of cleverness comes to life as you play it. So far, I have been devoured by Demons, dragons, a hungry lion, and several other entities too weird to mention. If you like adventures, you WILL like this one.

enuff about games .. some parting shots

## Coming Soon ... Genesis

Genesis is a 3D molecular Modeler that is a complete departure from the regular stuff we get to see. You create the basic elements in molecular form and animate them. That's the basic package, but there is more to it. If atomic structure is your bag, bag this one.

So much for me this month. Next month, we will take a different direction as we get totally involved in what might be. If you have any ideas for me, leave a note on System EX-10 Canada (519) 866-9030.

Allen P. Bargen

## M.A.C.E. COMMUNICATIONS DISKS

### Disk C01

850 EXPRESS! Ver.3.0

with Documentation

Language: Compiled ACTION!

### Disk C02

1030 EXPRESS! Ver.2.1

with Documentation

Language: Compiled ACTION!

### Disk C03

KERMIT TALK TO ST OR

IBM PC

Language: BINARY

### Disk C04

AMODEM 7.1

READ DOC FILE FIRST!!

Language: BASIC

### Disk C05

CENTEX 7.83

850 INTERFACE & MODEM

Language: BASIC

### Disk C06

TEK 4010

EMULATE TEKTRONIX 4010

Language: Binary

### Disk C07

VT100 TERMINAL

EMULATE VT100 TERMINAL

Language: BASIC

### Disk Q

A.M.I.S. - Orig. 300 baud

Requires 850 or equiv.

Language: BASIC

### Disk JD

A.M.I.S. - 300/1200 baud

Requires 850 or equiv.

Language: BASIC

### Disk UD

A.M.I.S. XM10 - 300 baud

835/1030/XM301 modems

Language: BASIC

## FACTORY AUTHORIZED ATARI REPAIR

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**NOVA**  
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| - 130 XE       | &     | 800 XL |
| - 1200 XL      | &     | 800    |
| - 1050         | & 810 | DRIVES |
| - SF 354 & 314 |       | DRIVES |

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MADISON HEIGHTS, MI. 48071  
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**588-4770**

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## AMIS BBSsystem HELP LIST

A = ASCII/ATASCII toggle  
 B = Reshow Bulletins  
 C = System Configuration  
 D = Download a file from BBS  
 F = List files available  
     for downloading  
 G = Goodbye (LOGOFF)  
 H = Help (displays this list)  
 I = Index of files available  
     for download  
 L = Line feed toggle  
     ATARIs don't need this  
 M = Message base  
     E = Enter a message  
     K = Kill a message  
     M = Return to Main Menu  
     Q = Quick summary  
         of messages  
     R = Retrieve or READ  
         messages  
     S = Show Summaries of  
         messages  
 N = News  
 O = List of other ATARI  
     BBSsystems  
 T = Current time and date  
 U = Upload a File to the BBS  
 V = Minutes from MACE  
     General meetings  
 W = Reshow "Welcome message"  
 X = eXpert user toggle  
 Y = Yell for SYSOP for chat  
 ? = Prints this list

<Ctrl>+S = Pauses the display  
 <Ctrl>+Q = Restarts the display  
 <Ctrl>+X = Aborts the function  
 <Ctrl>+N = Go on to next message

## METROPOLITAN DETROIT AREA BBSsystems

\*\*\*\*\*

-A.R.C.A.D.E. (3) 978-8087 \*3/12  
 ATARI ADVOCATE (3) 398-3078 \*3/12  
 ATARI CASTLE (3) 278-3901 \*3/12  
 ATARI TOOLBOX (3) 792-8357 \*3/12  
 BAUDWAY (3) 399-1775 \*3/12  
 BOILER ROOM (3) 562-4601 \*3/12  
 BUNKY'S BOARD (3) 546-3689 \*3/12  
 ~COLLEGE BOARD (3) 478-9647 A\*3/12  
 CRAZY HOUSE (3) 278-1727 \*3/12/24  
 M.A.C.E. EAST (3) 754-9865 \*3/12  
 SUPERBOARD (3) 543-8349 \*3/12/24  
 M.A.C.E. WEST (3) 582-0657 \*3/12

## WAUG BBS EXPRESS! MAIN MENU

A Atari/ASCII Mode  
 B Browse D/L List  
 C Call For SYSOP  
 D Download A File  
 F Feedback To SYSOP  
 G Goodbye (Log Off)  
 I System Info.  
 H Text Library  
 M Member Listing  
 N BBS Bulletin  
 O Other BBS #'s  
 Q Quickscan Msg Base  
 R Read E-MAIL  
 S Send E-MAIL  
 T Title Screen  
 U Upload a File  
 Y Your Stats  
 / Mini-Menu  
 ? This Menu  
 W WAUG Info  
 \* Msg Base List  
 = Goto a Msg. Base

### WAUG Msg-Base List

Board 1 \_\_\_\_\_ GENERAL DISCUSSION

Board 2 \_\_\_\_\_ WAUG TOPICS

Board 3 \_\_\_\_\_ DOWNLOAD INDEX

Board 4 \_\_\_\_\_ OPINIONS

Try out the great 'Q' command from the main menu. It will take you on a tour through all the active message bases and show you the new messages posted since your last call.

MAGIC NORTH (3) 978-1685 \*3  
 MOLIN'S DEN (3) 420-0407 \*3/12  
 SURFBOARD (3) 547-5671 \*3/12  
 V.O.I.C.E. (3) 532-8410 \*3/12  
 W.A.U.G. (3) 662-3689 \*3

A = LOGON in ASCII  
 (3) = 313 Area Code  
 \*3 = 300 BAUD  
 \*3/12 = 300 & 1200 BAUD  
 \*3/12/24 = 300 & 1200 & 2400 BAUD

## USING THE NEW MACE MENU

by D.F.Neff

Most of the latest disks in the MACE 8-Bit Library have the new MACE Menu on them. This new menu is actually the same old MACE menu with some major modifications. Aside from the slightly different heading on the menu screen, the the most obvious change should be ...Nothing. The new menu is intended to perform its new tricks "behind the scenes" without being noticed by you, the user. "So, what are these tricks?" you ask. (Actually, nobody asked. I couldn't think of a good lead-in to the next paragraph.)

First, the menu identifies the files which you don't need to load and does not show them in the display. An example of such a file is DOS.SYS. This file is automatically loaded before you even see the menu display. Data files are another example of files which are not meant to be loaded from a menu.

Second, if any Machine Language file you select to run is properly identified with a .BIN or .OBJ Extender the menu will ask you if Basic is required by this file. If you answer NO (most cases) the menu will then ask you what type of Atari you are using. The reason for this is that the menu can now turn off the Basic Chip in all XEs and most XLs. However, if you are using a 400, 800, or 1200XL the menu will give you the bad news that you must turn off your computer and remove the Basic Language cartridge yourself. This means, of course, that the menu will not appear on your screen when you reboot because it is written in Basic. (If any of these terms I'm using are foreign to you, then you haven't been attending Tom Sturza's EXCELLENT New Users' Class after the MACE General meeting! Where do you think I learned all this silly Jargon?)

Third, if the menu encounters a file which it can't load and run for you, it will try to offer a brief explanation for

its failure and tell you what you must do to use the selected file.

Forth, If you are running a program which was loaded by this new menu, you can return to the menu by pressing RESET. However, this action will erase the program from your computer's memory because it reboots the computer to load the menu. You can also use this feature to boot another disk by putting a new disk in your drive and pressing RESET.

Fifth, as of March, 1987, the menu can now print a Document file on your monitor screen. This should make life easier when trying out a new program for the first time. It eliminates the need to boot up a word processor program to view a .DOC file to get the instructions.

One of my objectives for the MACE Library is to make our disks as easy to use as possible. The new menu is a major step towards that goal. If you have any suggestions that would make the library better for you please write to me about it at P.O. Box 2785, Southfield MI, 48037.

\*\*\*\*\*

### TID-BIT

AMERICAN TV  
15338 Inverness Street  
San Leandro, CA 94579  
- More - <C>ontinue, <S>top, <N>onStop?  
(800) 551-9995

AMERICAN TV out in California has those hard to find parts for the Atari 8-bit computers. Such things as; "Rev. B" ROMs for the 800, chips (GTIA, POKEY, PIA, ANTIC, etc.), boards (400, 800, 810, 850, etc.), cables & more.

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## NEW — ST PRODUCTS!

by Jim Kennedy

The purpose of this column is to pass on Product Announcements that MACE has received. We DO NOT check out these companies or their products, hence we assume no responsibility for their products or the accuracy of the information. As always, please tell the company where you read about their product.

\*\*\*\*\*

"MPROLOG" (Programming Language)  
Logicware, Inc.  
5915 Airport Road, Suite 200  
Mississauga, Ontario  
Canada L4V 1T1  
(416) 672-0300

"MPROLOG" is Logicwares version of their mainframe modular PROLOG on the 1040ST. They sell PROLOG to IBM mainframes, DEC VAX, Mirco VAX and so on. PROLOG is a language for Artificial Intelligence (AI) & expert systems work. MPROLOG will turn the ST into an AI workstation. Major system components include; Interpreter, Compiler, Consolidator & more than 100 Built-in Predicates.

\*\*\*\*\*

"MODULA 2" (Development System)  
Jefferson Software  
12416 N. 28th Drive #18-236  
Phoenix, Arizona 85029  
(602) 243-3106 (voice)  
(602) 258-7205 (bbs)  
\$39.95 + \$3.00 S/H

"MODULA 2" is a professional development system used to write your own programs in Modula 2 (programming language). Features include; Compiler, Linker & Debugger, source to libraries aes, vdi, GEMDOS, & standard modula libraries, environment/command line manager, windows (w/demo's), heap manager, and exception handler. Updates are available for a SASE, plus disk or you can send \$10 for the update. Questions can be answered on their BBS or by calling (voice).

"TRANSPORTER" (Font Utility)  
Rastaman Software  
P.O. BOX 347  
Kirkland, WA 98083-0347  
\$20 (retail)  
Min. Requirements: 520ST, SS drive,  
color or mono. monitor.

"TRANSPORTER" allows you to print from ANY of your application programs in the font you want. The Transporter resides in your printer's RAM and thus allows you to modify the font after it is resident in your printer. It is fully GEM based & mouse controlled. Works with Star Micronics, Epson, or compatible printers which allow downloading of 90 or more characters.

\*\*\*\*\*

"ST VIDEO DIGITIZER"  
"ST SOUND DIGITIZER"  
"TIMEKEEPER" (ext. clock/calendar)  
Navarone Industries, Inc.  
21109 Longeway Rd., Suite C  
Sonora, CA 95370  
(209) 533-8349  
(800) 624-6545 (Info.)

"ST VIDEO DIGITIZER" will digitize from any standard video source (e.g. VCR, video camera, etc.) and save the B&W or Color screens in NEOchrome or Degas file formats. Hardware plugs into cartridge port. \$139.95, software included. "ST SOUND DIGITIZER" can create, edit or sample sounds & music for use in short commercials, music, programs or even speech recognition. Other features include a real-time oscilloscope & Voice Mail (record & playback short messages). \$139.95, software included.

"TIMEKEEPER" is a battery backed, clock calendar with built-in extender slot. Plugs into the cartridge port on the 520/1040ST computers and still allows the use of the cartridge slot. Display Time and Date ALARM, 12/24 Hr. Clock. \$49.95, includes software.

USA Software (Computer Carry Bags)  
10 Cornwall St.  
Boston, MA 02130  
(617) 524-6694  
\$64.95 (Atari ST bag)

This company sells padded bags to carry your computer in. Bags include: Pockets, Handles & Shoulder Strap. Custom sizes available for your other equipment. Computer & software not included.

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## UNCLASSIFIED

06-05-87

### OFFICER POSITION OPENING

TITLE: MACE MEETING COORDINATOR  
POSITION VACANCY: Next election year

JOB DESCRIPTION: The Meeting Coordinator shall be responsible for seeing that a suitable place is available for the general meetings, for planning and organizing the programs for these meetings, and for seeing that sufficient tables and chairs are available each month. (extracted from MACE Constitution)

JOB REQUIREMENT: Open to any Mace member(s) at least 18 years of age and be able to attend the General Meetings and the Officers Meetings for said term.

TRAINING REQUIRED: None, the current Meeting Coordinator is willing to train/suggest how to set up and run the meetings, and provide help for at least the first meeting. Training begins immediately, no obligation required.

REASON FOR VACANCY: Current M.C. is going back to school, and will not be able to attend most of the required meetings.

If interested, see the current Meeting Coordinator, Chris Samuels, at the General Meeting, leave a message on any MACE BBS, or write to our post office box.

\*\*\*\*\*

## NEW 8-bit PRODUCTS!

by Jim Kennedy

"SCENERY DISK #7"  
SubLOGIC Corp.  
713 Edgebrook Drive  
Champaign, IL 61820  
(217) 359-8482  
(800) 637-4983 (Orders)  
\$24.95 (Atari 800, XL & XE. Disk)

"SCENERY DISK #7" covers scenery for the East Coast of the United States, from Washington DC down through Key West, Florida. This highly detailed scenery disk includes such things as; rivers, roads, railroad tracks, towers with blinking lights and bridges with shadows. Fly over Cape Canaveral and catch a glimpse of the Space Shuttle on the pad!

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(continues on page 12)

## A LETTER TO MAM

April 8, 1987

TO: Michigan Atari Magazine  
FROM: Some Concerned Subscribers

RE: A Fee For Non-Members

Having read the "Atari News" article that graced the front page of the April '87 issue of the Michigan Atari Magazine, we felt compelled to write this letter to inform your Editor of our dissatisfaction with his ability to contain his personal commentary. We are referring to the statement about The Michigan Atari Computer Enthusiasts (MACE) charging admission to non-members who attend their monthly general meetings. It is clearly within the rights of all groups to develop their own rules, be it MACE, CHAOS, WAUG or any other group. Likewise, it is also clearly within the rights of the Editor to have an opinion about such things however we feel that this type of comment has no place in any article called "Atari News." If the Editor insists that he MUST print gossip, he could at least have sense enough to indicate that we are reading his opinion, and not necessarily "Atari News."

Recently, the officers of MACE discussed what it is that makes membership to a (any) user group valuable to it's members. Besides the social gathering that most members seem to enjoy, the benefits include:

- 1) Access to the Club's Disk Libraries;
- 2) Free copies of the Club's newsletters, and
- 3) The aid that is available to new users.

It was felt that disk libraries are not a major enticement to non-members, considering the percentage of computer users who own and use modems. (This is not intended to diminish the obvious value of the library to members AFTER joining. Non-members are rarely aware of the contents of a club's library.) Since the MACE Journal is sold to the public, a non-member could purchase an entire

year's Journals at less than the annual membership dues and enjoy ALL the benefits of being a member simply by attending the monthly meetings and never joining! (This is a problem that EVERY club must deal with.) This, in conjunction with the fact that MACE now regularly holds it's "New User Forum" seminars during the second half of the General Membership Meetings, was perceived by the officers as negative planning when the future of the organization is considered. Hence, it was decided that non-members SHOULD NOT be allowed to attend these New User Forum sessions. On close examination, the new ruling is really quite fair as non-members CAN gain valuable new insight into the use of their equipment WITHOUT having to become a paid member until they are sure that joining the club is indeed what they wish to do. In turn, MACE benefits from all this in that their legitimate members are truly interested in the club. There is little doubt that "Guest Members" receive much more in return for their nominal \$2 investment as MACE supplies 8-bit computers, disk drives, ST computer systems, a large screen projection monitor and an array of P.A. equipment for meeting use.

Much like any other group, MACE welcomes new members and encourages all members to make the most of THEIR club. MACE is a justifiably proud organization that is now, as it has always been, committed to helping Atari owners world-wide to get the most enjoyment from their investment. It should be noted that a single membership in MACE is good for an entire family and, while the actual membership count is down significantly at this time, the number of persons benefiting from this organization IS NOT. Furthermore, your readers deserve to be informed that the decline in membership statistics was well under way long before the "internal political disaster" occurred.

Based on the above, we feel the Editor of your normally fine magazine has committed a professional faux pas which warrants a public retraction and restraint from similar outbursts in the



future. Your magazine cannot possibly benefit by generating gossip and the Michigan Atari community does not deserve to be presented to your growing readership in this unprofessional manner. We are pleased, in general, with the quality of your publication and look forward to seeing it remain objective in it's style so that it can attain it's appropriate status in the competitive arena of Atari Reporting.

Sincerely,

Michael Olin  
MACE Rec. Sec'y.  
WAUG Rec. Sec'y  
Michael Mitchell;  
MACE ex-Vice Pres.,  
WAUG member  
Michael Pieronek;  
WAUG Disk Librarian

cc: The Officers of MACE

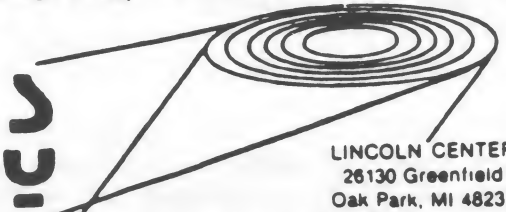
(concluded from page 10)

Intellect Electronics Corp.  
Box 6374, Station "C"  
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\$15.95 (\$21.95 Can.)

Intellect has come up with a slick little enhancement for Atari 1050 disk drive owners. After installing a switch just inside the vent on the top corner of the drive (you must open the case), you can disable/enable the writing capability of the 1050. Press the switch to enable the writing of disks and you don't need to "punch" your disks on the reverse side. Press it again and you won't be able to write, no need for write protect labels. Plugs into existing circuitry.

MACE General Meetings; THE place to be for the latest information about your Atari.

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## MORERAM

by Bob Woolley

This modification should be attempted only by those who have had some experience working with electronic boards and integrated circuits. If you are not confident of your abilities, ask for assistance from your User Group or a good TV/VCR technician.

The object of this change is to enable the RAM at location \$D600 thru \$D7FF that cannot normally be accessed. The RAM chips are "on" the buss during each machine cycle unless the -CI line from pin 16 of U3 [MMU] is low. This added circuit forces this line "on" during access to \$D600 thru \$D7FF addresses, which is all that's required to use the existing memory at that location.

Dis-assemble your 800XL by removing the six Phillips-head screws from the bottom of the case. Carefully lift the right side upwards (with it still lying on its keyboard) as if you were opening a book. Disconnect the keyboard cable and set the top section aside. Remove all the screws from the main board and work it loose from the base. Take note of the location and sequence of the shielding while you are pulling it apart. Now to the fun part....

Find the trace that connects pin 16 of U3 to pin 10 of U18. At a suitable location, completely cut thru this line. Then, use a small piece of double-sided foam tape to secure a 74HC20 IC to a clear area of the main board near U2 [74LS138]. Mount the chip on its back so that the pins point upward. (make sure you know which is pin #1!!) Using 30 gauge wire-wrapping wire, connect pin 7 to the nearest ground (pin 8 of U2 will do) and pin 14 to a nearby +5v point. (pin 16 of U2...) Wire pins 1,2,4, and 5 of the HC20 to pin 16 of U3 [MMU]. Solder a wire from pin 6 (of HC20) to pins 9 and 10 (of HC20). Add a wire from pin 12 (of HC20) to pin 9 of U2 [LS138] and from pin

13 (HC20) to pin 7 of U2 [LS138]. Last wire goes from pin 8 (HC20) to pin 10 of U18 [LS08]..... ALL DONE!!

Try the board now, before you put it back together. Just plug in the power and monitor plugs and boot Basic. If it shows "READY", it is OK. <If it does not work, check your changes very carefully. If all else fails, you can remove your additions and solder a wire from U3, pin 16 to U18, pin 10 - that will return the board to normal.> Now, you can put everything back together and try the memory at \$D600-D7FF. You will have 512 bytes all for your own use!!!

Bob Woolley  
[75126,3446]

FOR 1200XL OWNERS: Cut the trace between pin 16 of U14 and pin 1 of U11. Mount the HC20 near U16. Pin 16 of U14 goes to pins 1,2,4 and 5. Pins 12 and 13 of the HC20 go to pins 9 and 7 of U18. Pin 8 of HC20 goes to pin 1 of U11. All that really changes are the IC numbers and one of the pins (pin 10 of U18 becomes pin 1 of U11).

THIS MATERIAL MAY BE FREELY COPIED, SOLD OR OTHERWISE DISTRIBUTED. REW

---

So you accidentally gave two files the same name on the same disk eh? Every time you try to change the name of one, both names change right? Well, MACE is here to help! Type this in and you will be able to change one name at a time:

POKE 3118,0 : X=(6047) <RETURN>



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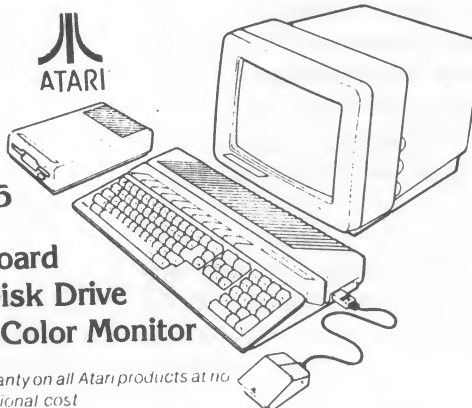
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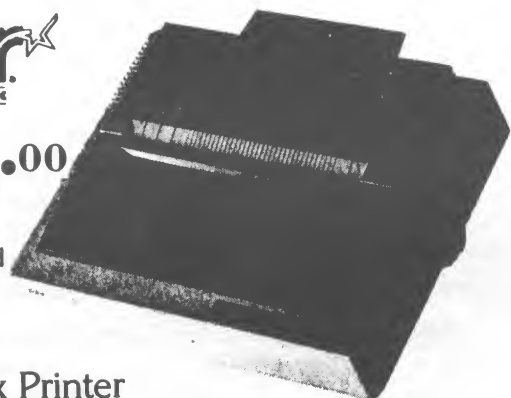


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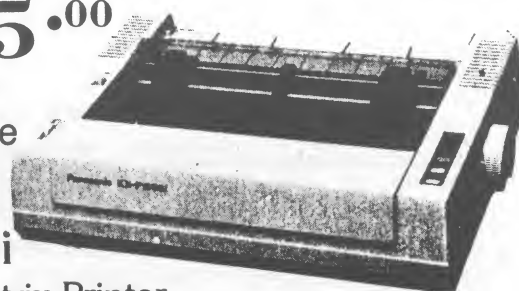
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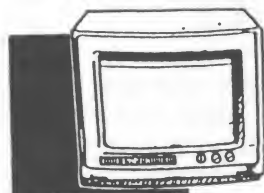
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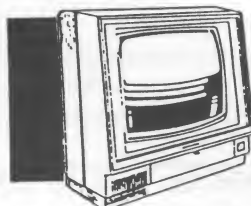
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| CO70263 | Ribbon for the SMM804     |



## WHERE DO OUR MEMBERS LIVE?

by Jim Kennedy  
CIS # 70247,3537

This is the question I've been asking for some time now. So after talking to Paul Wheeler about getting a membership list sorted by zip code, I found the answer to my question.

The Membership List that I'm basing this information on was dated 3/1/87. So if you joined after this date, you won't be included in my findings. I also examined our "Friends List" (a separate list for User Groups who receive our Journal in exchange for theirs). I'll start with our members.

First I looked at how many members lived Out-of-Country and found that we have 5 in Ontario, Canada (4 in Windsor and 1 in London). We also have 1 in Auckland, New Zealand and another in Harlingen, The Netherlands. So far, only 7 members!

Out-of-State, I found we had 48 members in places like; (Cordova) Alaska (1), (Birmingham) Alabama (1), (Imperial Beach, Pacific House and San Jose) California (3), (Grand Junction) Colorado (1), (Brookfield Center) Connecticut (1), (Miami, Titusville) Florida (2), (Potatello) Idaho (1), (Bolingbrook, Geneva, Morris) Illinois (3), (Bloomington, Indianapolis 2, Terre Haute) Indiana (4), (Baltimore) Maryland (1), (Bedford) Massachusetts (1), (Austin) Minnesota (1), (Cary, Raleigh) North Carolina (2), (Chester) New Jersey (1), (Brooklyn 2, Lynbrook, Maspeth, Yorktown Hts.) New York (5), (Centerville, Eastlake, Seven Hills, Tiffin, Waynesville, Xenia, Youngstown) Ohio (7), (Bethel Park, Hanover, Malvern) Pennsylvania (3), (Chattanooga, Knoxville) Tennessee (2), (Hurst) Texas (1), (Sandston) Virginia (1), (Bellevue, Seattle) Washington (2), (Jonesville, Kenosha) Wisconsin (2), and (Bradshaw, New Martinsville) West Virginia (2).

In-State, there are 321 members! Most of which are in the Detroit-Metro. area and this is where they live; Detroit (32), Southfield (20), Livonia (15), Royal Oak (14), Redford (11, incl. 2 from Redford Twp.), Rochester (11), Warren (11), Sterling Hts. (10), Troy (10), Ferndale (8), St. Clair Shores (8), and West Bloomfield (8). The following have 7 each; Ann Arbor, Birmingham, Dearborn, Dearborn Hts., Farmington Hills and Oak Park. Canton (6), Clawson (5). The following have 4 each; Madison Hts., Mt. Clemens, Pontiac, Taylor and Westland. The following have 3 members each; Allen Park, Bloomfield Hills, Brighton, Lincoln Park, Plymouth, Romulus, Southgate and Ypsilante. These fifteen cities have 2 members each; Belleville, Fraser, Grosse Pointe Farms, Grosse Pointe Park, Harper Woods, Lake Orion, Northville, Novi, Pleasant Ridge, Riverview, Rochester Hills, Rockwood, Roseville, Walled Lake, and Wixom.

Each of the following cities have only 1 member; Attica, Auburn Hills, Clarkston, Ecorse, Farmington, Flint, Garden City, Grand Rapids, Grosse Ile, Grosse Pointe Woods, Hamtramck, Hazel Park, Highland, Imlay City, Inkster, Lathrup Village, Midland, Monroe, New Haven, New Hudson, Ortonville, Owosso, Oxford, Saline, Selfridge ANG Base, South Lyon, Stanwood, Swartz Creek, Trenton, Union Lake, Utica, Wayne, West Branch, Whitmore Lake, Woodhaven and Wyandotte.

As for our "Friend's List", here is the breakdown of where our Journals go each month (as of 4-21-87). From the 95 M.A.C.E. Journals sent out, they form two major categories; User Groups & Non-User Groups. User groups receive 79 of the 95 Journals. We sent to 4 groups Out-of-Country (2 in Australia, 1 in (Ottawa) Canada & 1 in West Germany), 72 Out-of-State and 3 In-State (C.H.A.O.S., M.A.G.I.C. & W.A.U.G.).

Our policy to other User Groups is that we must receive a letter from them requesting an exchange. We will send our Journal to them as long as they send us theirs. If after two months we do not receive their newsletter, we will stop sending ours until we receive another letter. Newsletters from other User Groups are available to ALL M.A.C.E. Members to read through and possibly find reprint articles for our Journal.

The Non-User Groups may be; companies, courtesy, or military. 14 companies (incl. ANALOG, ICD, O.S.S., etc.), 1 courtesy copy to Jack Tramiel (Atari Corp.) and 1 military base receive our monthly Journal.

**ALL** other Journal submissions **MUST** be presented to the Editor or one of the officers at the General Meeting or Uploaded to one of the MACE BBS's.

## Important Dates — 1987 —

### General Meeting

August 18  
September 15  
October 20  
November 17  
December 15

### Officers Meeting \*

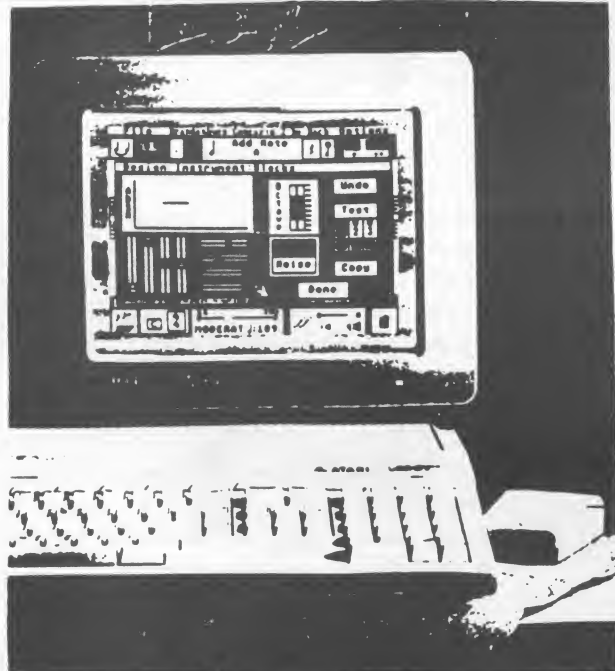
August 7  
September 4  
October 9  
November 6  
December 4

## — 1988 —

January 19  
February 16  
March 15  
April 19

January 8  
February 5  
March 4  
April 8

\* The final deadline for all Journal **ADVERTISING** and article submissions by the **OFFICER'S**, will be the officers' meeting.



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## AS THE EXPO TURNS

By Jim Moran (With thanks to "ABE's ACEs" for the title)

[The following article is reprinted from the SLCC Journal, May, 1987 issue.]

An unusual title, you bet, but as this soap opera unfolds, you will see that it fits.

Chapter 1 ATARI starts encouraging User Groups to put on ATARI Computer Fairs. Five local User Groups, including SLCC, decide to give it a shot. So with help, guidance and front money from ATARI, the Northern California ATARI Expo is staged in September, 1986. It is a huge success, with each User Group receiving a couple thousand dollars for its work and the promise that this could become an annual event, as ATARI's way to help the User Groups. Sounds great, doesn't it?

Chapter 2 Newsletters from User Groups around the country give us feedback on how other Expo shows are going. It's mostly favorable, but not all - lack of help from ATARI, phone calls not returned and so forth.

Chapter 3 M.A.C.E., the large User Group in Michigan, drops the Expo for their area after months of trying. They cite total lack of cooperation from ATARI. This is serious and we begin to wonder, but maybe it is just one of those things.

Chapter 4 It's now mid-April, 1987. Sandi Austin, of ATARI, calls us to say that the Second Northern California Expo is set for June 19 and 20, at the Santa Clara Convention Center. She wants to meet with the area User Groups to discuss how we might work together on the Expo. We feel quite strongly that June is totally wrong. First, we have just finished the West Coast Computer Faire and more importantly, with such short notice there is little time for publicity and without it the Expo could fall flat on its face.

Unanimously each of the groups attending this Thursday night meeting with Sandi Austin agree the date is totally wrong and we all want to go later in the year, preferably October or November. Despite this, we are told the Expo will take place in June and in fact, ATARI has already reserved the facilities. (It seems that Jerry Brown, self proclaimed User Group friend and a new ATARI big wheel, has made the decision and that's it. Maybe that's the way it's done at BIG BLUE, where he comes from).

We are told that due to lack of time ATARI will help out and has already started calling the software and hardware vendors to sell them booth space, which is a large part of the profit for an Expo. We start getting excited and want to know where the User Groups stand. Sandi says we will be allowed to sell tickets, help advertise and of course, work the Expo. Now we are all big boys and girls and know that it takes money for the clubs to operate and a large part of the Expo money goes down the ATARI drain with this move.

We next ask what's in it for the clubs? Several things are mentioned, like a 1040 system for each club. But we won't get the systems; they will be donated to local schools, who in turn might let us use them to teach new owners how they work. All this in ATARI's name of course. Donations to charities are also mentioned!

All in all a very unsatisfactory meeting. We ask Sandi Austin to convey our concerns to Jerry Brown and get back to us. We feel the clubs must be compensated fairly for their work. For the SLCC this Expo is a long way from home and to ask twenty or thirty of our members to travel to Santa Clara for a day's work at the Expo, in return for a donation to some school or charity, left



us all cold.

Chapter 5 Monday morning brings a newsletter from "ABE's ACEs", the club that has just put on the Allentown, PA. Expo. A great newsletter spread on a very successful Expo. But not all was roses. It seems ATARI was unhappy that one of the vendors scheduled to be at the Expo was a mail order firm (the infamous Black Patch Systems) and thus does not provide service on its 1040's. ATARI told the club not to sell them booth space. To back this up, Sandi threatened to hold off on the door prize, not to bring any new products and finally to withdraw from the Expo if the club booked this vendor.

After a telegram to Jack Tramiel, asking him to call off the dogs, the problem was partially put to bed - "ABE's ACEs" backed out on Black Patch and ATARI showed up with no new products and no replacement vendors for the five or six booths that were vacated by Black Patch's removal.

Their article continues with all sorts of problems "ABE's ACEs" had with ATARI. Editor Dennis John ends his well written piece vowing to never again work with ATARI on this type project

We are starting to worry. Are we to be treated the same?

Chapter 6 Later Monday, a call from ATARI; reference to the clubs getting some of the profits from the Expo; an invitation to meet Tuesday at ATARI's PR agency, at two PM.

Tuesday at 1:55 we arrive for the meeting. Nobody knows anything about it but the agency's Mr. Gooch will soon be there. We cool our heels for thirty minutes, are ushered into a conference room, then shortly into another. Still nobody from ATARI. Another 20 or 30 minutes and Sandi Austin shows up. The meeting is on. More properly, A meeting is on, but not to discuss the User Groups' participation. It is to formulate plans for the FIRST ATARI Expo

in Silicon Valley. No mention of last year's Expo. "That was the User Groups' Expo, this is the FIRST ATARI EXPO, put on by ATARI". The Expo is to be a show to sell STs, with little or no mention of 8 bit ATARIs. In fact, the agency seemed surprised the 8 bits could be used for anything other than games.

During the previous meeting we were advised that there would be no new equipment for the show, now it seems that all at once the new stuff will be there, lasers and all. About this time it became obvious that we were being used, pure and simple. With a few well placed words for the whole situation, and Jerry Brown and Sandi Austin in particular, we exit the meeting. We wish them luck. So here we are. What now? Swallow our pride and attend the Expo like obedient children? Fat chance!!

[Editor's Note: I'm sure that I speak for all the officers of MACE; I'm glad that MACE elected NOT to host TARICON II!!]

\*\*\*\*\*

## FAREWELL M.A.C.E. SUPERBOARD BBSsystem

On June 15, 1987, M.A.C.E. discontinued sponsorship of the M.A.C.E. Superboard ST BBSsystem. Chuck Norris, SYSOP of the BBS, had decided that he would like to return to private practice. He wanted to bring back the good old days, "when he didn't have to answer to anyone else"!

The officers of M.A.C.E. wish to thank Chuck for what he has done for the ATARI community, in running the M.A.C.E. Superboard ST BBSsystem. We understand his desire to be "his own boss" again and therefore, agreed to cease M.A.C.E. sponsorship.

For the short term, Chuck plans to continue running a ST BBSsystem, using the FoReM ST/PC BBS software. He told us that he will only support ST/PC users who are using 1200/2400 baud modems. The BBSsystem telephone number remains (313) 543-8349.

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### MACE POLICY STATEMENT

MACE meetings are open to "Member Families" ONLY. Membership dues are \$20.00/Yr, for all family members living at the same address. A special "Guest Membership" is available for \$2.00/Family and is good for ONE MEETING ONLY. "Guest Members" will receive one copy of the CURRENT MACE Journal but will NOT be allowed to purchase diskettes from our public domain libraries.

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